



Liquid Ice System B - 110

Technical Specification:

Refrigeration Capacity:

20.0 kW/17.200 kcal/h
or 412.000 kcal per 24 hours*.

Variable production range:

Output can be varied
from 460 L/h with 40% ice concentration
to 1.580 L/h with 10% ice concentration**.

Filtration:

A 5-micron filter fitted to water
intake to prevent ingestion of foreign
objects.

Minimum salt concentration:

System requires 3% NaCl concentration
for Optim-Ice® production.

Power Consumption: 12.0 kW

Dimensions in cm (LxWxH):

125x115x173

Weight: 530 kg

Refrigerant: R-404A /R-449A

Pre-Cooler: Optional pre-cooler
ensures uniform production of
Optim-Ice® over a large inlet water
temperatures range.

Condenser:

Cooling water requirements:

5°C = 1.300 L/h

10°C = 1.700 L/h

15°C = 2.400 L/h

20°C = 3.500 L/h

* Appr. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.

** Based on seawater inlet temperature of 0°C.



Liquid Ice System BP - 110

Technical Specification:

Refrigeration Capacity:

33.0 kW/28.400 kcal/h
or 681.000 kcal per 24 hours*.

Pre-Cooler: Integrated pre-cooler ensures uniform production of Optim-Ice® in water temperatures up to +15°C.

Variable production range:

Output can be varied from 460 L/h with 40% ice concentration to 1.120 L/h with 10% ice concentration**.

Filtration: A 5-micron filter fitted to water intake to prevent ingestion of foreign objects.

Minimum salt concentration:

System requires 3% NaCl concentration for Optim-Ice® production.

Power Consumption: 17.0 kW

Dimensions in cm (LxWxH):

125x115x173

Weight: 620 kg

Refrigerant: R-404A /R-449A

Condenser: Cooling water requirements:
5°C = 2.000 L/h
10°C = 2.500 L/h
15°C = 3.600 L/h
20°C = 7.900 L/h

* Aprx. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.

** Based on seawater inlet temperature of +15°C.



Liquid Ice System BPS - 110

Technical Specification:

Refrigeration Capacity:

33.0 kW/28.400 kcal/h
or 681.000 kcal per 24 hours*.

Pre-Cooler:

Integrated pre-cooler ensures uniform production of Optim-Ice® in water temperatures up to +15°C.

Variable production range:

Output can be varied from 460 L/h with 40% ice concentration to 1.120 L/h with 10% ice concentration**.

Filtration:

A 5-micron filter fitted to water intake to prevent ingestion of foreign objects.

Minimum salt concentration:

System requires 3% NaCl concentration for Optim-Ice® production.

Power Consumption:

28.0 kW

Dimensions in cm (LxWxH):

250x115x270

Weight:

830 kg

Refrigerant:

R-404A /R-449A

* Aprx. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.

** Based on seawater inlet temperature of 0°C.